

3/16/2018

Print



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Tt	
PO039137	ACI001-VC	5	1	Net 30	MT-4140-S-1.250X11.000	AISI 4140 Steel Sheet/Plate				12	3/15/2018	12		S052074	Stock	3/16/2018	\$ 116.00 / ft	0		\$1	
		6			MT-4140-S-0.375X5.500					6		6		S052075	Stock	3/16/2018	\$ 31.33 / ft	0		\$	
Total:										18		18									\$1,2

Plex 3/16/2018 9:10 AM Dart.Dubois.Pascal



DELIVERY - CLIENT

Copy CO00075966

ACIER OUELLETTE INC.

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Instruction F-M

Att : CHANTAL LAVOIE Tél.: 613-632-5200
Delivery Route 5

Customer N°	CL10001056
Date	2018/02/27
Delivery date	2018/03/15
Your order N°	039137
Processed by	Josianne Bourdon
Salesman	
Carrier	OUELLETTE VALLEYFIELD
Credit Terme	Net 30 Days
Page	1

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 ALU SHEET .100 2024-T3 NS FEAL-1002024 10149 1 X 4' X 12' HEAT: 21753487 AC14075-SA-2018/03/12 PAR ST-JEROME HEAT	69.10	48.00	PI2_\$CLB			1 X 12'					DAS 11 9-89
2 PLATE 4140 HT 1 1/4 RANDOM NS P4140-114HT-V 8506 2 X 11" X 72" HEAT: 290604 AC13906-FU-2018/03/14	561.55	11.00	PI2_\$CLB			12'					DAS 11 9-89
3 PLATE 4140 HT 3/8 RANDOM NS P4140-38H-V 8806 1 X 5 1/2" X 72" HEAT: 298132 AC13906-FU-2018/03/14	42.10	2.75	PI2_\$CLB			0'					DAS 11 9-89

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

CO00075966

ACIER OUELLETTE INC.

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CL10001056

Date

2018/02/27

Delivery date

2018/03/15 00:00

Your order N°

039137

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Shipped to

, Ontario,

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Instruction F-M

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route

5

Page

2

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT

Total Weight (lbs) : 672.75

NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc" is the same as offered by the manufacturer and his warranty is transferred by "Acier Ouellette Inc" to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Delivered By : Time

Total (\$CAD)

Customer's Signature

Date

Y	M	D

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4454909

CUSTOMER PO NUMBER: C73911-1		WORK PACKAGE:	CUSTOMER PART NUMBER:			SHIP RUN/LOAD: 103857/13		GOVT CONTRACT NUMBER:	
KAISER ORDER NO: 1230790-1		SHIP DATE: 10-MAR-2017	ALLOY: 2024 ✓	CLAD: BARE	TEMPER: T3 ✓	PRODUCT DESCRIPTION: Kaiser Stretched			
WEIGHT SHIPPED: 3263 LB	QUANTITY: 47 PCS EST.	TRUCK B/L #: 2065651		GAUGE: 0.1000 IN ✓ (2.5400 MM)		DIAMETER/WIDTH: 48.000 IN ✓ (1219.2 MM)		LENGTH: 144.000 IN ✓ (3657.6 MM)	

MHU 2095424: LOT 217534B7: 47 pieces;

1911312

Certified Specifications

✓ AMS 4037/RevQ
CMMP 019/RevD

✓ AMS-QQ-A-250/4/RevB
✓ CMMP 025/RevV

✓ ASTM B 209/Rev14

Test Code: 1504

Lot: 217534B7 Cast 387

Drop 39

Test Results

Ingot 2

Melted in USA

(ASTM E8/B557)
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T3	LT / 2 (Min:Max)	67.0 : 67.2 (462 : 463)	46.4 : 47.0 (320 : 324)	16.3 : 17.0

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.07	0.19	4.6	0.58	1.3	0.01	0.11	0.03	0.01	0.00	TOT 0.04

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
2024												
MIN(wt%)	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	EACH	0.06
MAX(wt%)	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder



Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4454909

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- * has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
- * All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
- * was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
- * has been thermally processed in compliance with AMS 2772, where applicable.
- * is mercury free, within the limits of detection of ASTM E1215 (<1ppm).
- * is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- * is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
- * is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
- * is free of weld repair.
- * meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

PO. 13906

Chemical certification Certification chimique
--

Order Num / No. Commande AC-13906	Vendor / Fournisseur 46	Country of origin / Pay d'origine SLOVENIA	Date 12/18/14	Heat / coulée 290604	Material ID # / No. matière
Grade / Nuance 4140 PLT	Conditions HEAT TREATED, Q&T				
Shape / Forme PLT	Size / Dimension 1.250	Specifications ASTM A434 / SAE J404 / ASTM A829-06			

Chemical composition / Analyse chimique

Carbon (C)	Silicon (Si)	Manganese (Mn)	Phosphorus (P)
Mini / maxi 0.3700 / 0.4400	0.1500 / 0.3500	0.6500 / 1.1000	0.0100 / 0.0190
Actuel % 0.417	0.250	0.760	0.009
Sulphur (S)	Chromium (Cr)	Nickel (Ni)	Molybdenum (Mo)
Mini / maxi 0.0200 / 0.0400	0.7500 / 1.2000	0.1000 / 0.2000	0.1500 / 0.2500
Actuel % 0.002	0.970	0.000	0.180
Copper (Cu)	Vanadium (V)	Aluminum (Al)	Tungsten (W)
Mini / maxi 0.1900 / 0.2900	0.0400 / 0.0500	0.0000 / 0.0000	0.0000 / 0.0000
Actuel % 0.000	0.030	0.000	0.000
Cobalt (Co)	Titanium (Ti)		
Mini / maxi 0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000
Actuel % 0.000	0.000	0.000	0.000

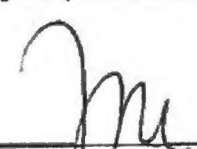
Mechanical properties / Propriétés Mécaniques

Yield strenght / Élasticité	Tensile / Rés. à la traction	Elongation / Allon. (%)	Red. of area / Surface (%)	RC	Surface Hd / Dureté
0.000 PSI	0.000 PSI	0.00	0.00		302 BHN

Note:

We certify that the above data has been verified and are conform to an original mill or supplier certificate supplied to us with the material

Nous certifions que les données ci haut ont été vérifier et sont conformes d'après un certificat originale qui nous a été fourni par notre fournisseur.


 Prepared by: / Préparé par:

Chemical certification Certification chimique

Order Num / No. Commande AC-13906	Vendor / Fournisseur 46	Country of origin / Pay d'origine SLOVENIA	Date 01/25/17	Heat / coulée 298132	Material ID # / No. matière
Grade / Nuance 4140 PLT	Conditions HEAT TREAT				
Shape / Forme PLT	Size / Dimension 0.375	Specifications			

Chemical composition / Analyse chimique

Carbon (C)	Silicon (Si)	Manganese (Mn)	Phosphorus (P)
Mini / maxi 0.3700 / 0.4400	0.1500 / 0.3500	0.6500 / 1.1000	0.0100 / 0.0190
Actuel % 0.427	0.248	0.785	0.006
Sulphur (S)	Chromium (Cr)	Nickel (Ni)	Molybdenum (Mo)
Mini / maxi 0.0200 / 0.0400	0.7500 / 1.2000	0.1000 / 0.2000	0.1500 / 0.2500
Actuel % 0.001	0.970	0.250	0.190
Copper (Cu)	Vanadium (V)	Aluminum (Al)	Tungsten (W)
Mini / maxi 0.1900 / 0.2900	0.0400 / 0.0500	0.0000 / 0.0000	0.0000 / 0.0000
Actuel % 0.136	0.036	0.027	0.000
Cobalt (Co)	Titanium (Ti)		
Mini / maxi 0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000
Actuel % 0.000	0.000	0.000	0.000

Mechanical properties / Propriétés Mécaniques

Yield strenght / Élasticité	Tensile / Rés. à la traction	Elongation / Allon. (%)	Red. of area / Surface (%)	RC	Surface Hd / Dureté
0.000 PSI	0.000 PSI	0.00	0.00		280/281 BHN

Note:

We certify that the above data has been verified and are conform to an original mill or supplier certificate supplied to us with the material

Nous certifions que les données ci haut on été vérifier et sont conformes d'après un certificat originale qui nous a été fourni par notre fournisseur.

Prepared by: / Préparé par:

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-4140-S-0.375X5.500

PO / BATCH NO.: 039137/5052075

DATE: MAR 16 2018

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 6
 QUANTITY INSPECTED: 6
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.375
 THICKNESS RECEIVED: 0.398
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	11
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	Heat # 298132
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS / PO</u>	SIGNED OFF BY: _____
DATE: <u>9-8 MAR 16 2018</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

REV	DESCRIPTION	ECON #	DATE	BY	APPROVED
A	NEW ISSUE	18-544	18.2.13	VM	ML

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : ANSI 4140 / 4142 STEEL SHEET OR PLATE
MINIMUM ROCKWELL C = 28 Rc
MAXIMUM ROCKWELL C = 32 Rc

SPECIFICATION: ASTM A829, AMS 6395

PART NUMBER:

MT-4140-S-IT.TTT] x [W.WWW]
WHERE "T.TTT" = THICKNESS IN INCHES
WHERE "W.WWW" = WIDTH IN INCHES (OPTIONAL FOR SPECIFYING CUT PLATE)

EX. 0.063" THICK SHEET = MT-4140-S-0.063
EX. 3.5" WIDE BY 0.500" THICK PLATE = MT-4140-S-0.500X3.500

DART AEROSPACE		TITLES	
ANSI 4140 / 4142 STEEL SHEET OR PLATE		REV	
PART NO. MT-4140-S		REV A	
TOTAL NO.		REV	
INITIALS AND DATE		REVISIONS	
DESIGNED BY: VM 21/3/2018	ISSUANCES: XXX 2.005	FRACTIONS 3/16	
DRAWN BY: VM 02/13/2018	XXX 2.005	SURFACE 2.5"	
CHECKED BY: VM 02/13/2018	X 2.5	ROUGHNESS	
INFO REVIEW BY: DO 02/13/2018	SCALE: NTS	SHEET 1 OF 1	
APPROVED BY: ML 02/13/2018	COPYRIGHT © 2018 BY DART AEROSPACE LTD		

THIS DRAWING IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED FOR THE MANUFACTURE OF THE PARTS SPECIFIED THEREON. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-4140-S-1.250x11.000

PO / BATCH NO.: 039137/5052074

DATE: MAR 16 2018

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12
 QUANTITY INSPECTED: 12
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.250
 THICKNESS RECEIVED: 1.250
 SHEET SIZE ORDERED: 11A
 SHEET SIZE RECEIVED: 11A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	<u>Astm A829</u>
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	<u>Heat # 290604</u>
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>		SIGNED OFF BY: _____	
DATE: <u>9-89 MAR 16 2018</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : AISI 4140 / 4142 STEEL SHEET OR PLATE
MINIMUM ROCKWELL C = 28 Rc
MAXIMUM ROCKWELL C = 32 Rc

SPECIFICATION: ASTM A829, AMS 6395

PART NUMBER: MT-4140-S-IT.TTTT x W.WWWW
WHERE "T.TTTT" = THICKNESS IN INCHES
WHERE "W.WWWW" = WIDTH IN INCHES (OPTIONAL FOR SPECIFYING CUT PLATE)

EX. 0.063" THICK SHEET = MT-4140-S-0.063
EX. 3.5" WIDE BY 0.500" THICK PLATE = MT-4140-S-0.500X3.500



Headquarters, Ontario, Canada

TITLE AISI 4140 / 4142 STEEL SHEET OR PLATE

PART NO. MT-4140-S REV. A

DESIGNED BY: VM 01/13/2018
DRAWN BY: VM 02/13/2018
CHECKED BY: VM 02/13/2018
MFG REVIEW BY: DD 02/13/2018
APPROVED BY: ML 02/14/2018

DATE: 02/13/2018
SCALE: NTS
SHEET 1 OF 1

REVISIONS: 1.18
1.19
1.20
1.21
1.22
1.23
1.24
1.25
1.26
1.27
1.28
1.29
1.30
1.31
1.32
1.33
1.34
1.35
1.36
1.37
1.38
1.39
1.40
1.41
1.42
1.43
1.44
1.45
1.46
1.47
1.48
1.49
1.50
1.51
1.52
1.53
1.54
1.55
1.56
1.57
1.58
1.59
1.60
1.61
1.62
1.63
1.64
1.65
1.66
1.67
1.68
1.69
1.70
1.71
1.72
1.73
1.74
1.75
1.76
1.77
1.78
1.79
1.80
1.81
1.82
1.83
1.84
1.85
1.86
1.87
1.88
1.89
1.90
1.91
1.92
1.93
1.94
1.95
1.96
1.97
1.98
1.99
2.00
2.01
2.02
2.03
2.04
2.05
2.06
2.07
2.08
2.09
2.10
2.11
2.12
2.13
2.14
2.15
2.16
2.17
2.18
2.19
2.20
2.21
2.22
2.23
2.24
2.25
2.26
2.27
2.28
2.29
2.30
2.31
2.32
2.33
2.34
2.35
2.36
2.37
2.38
2.39
2.40
2.41
2.42
2.43
2.44
2.45
2.46
2.47
2.48
2.49
2.50
2.51
2.52
2.53
2.54
2.55
2.56
2.57
2.58
2.59
2.60
2.61
2.62
2.63
2.64
2.65
2.66
2.67
2.68
2.69
2.70
2.71
2.72
2.73
2.74
2.75
2.76
2.77
2.78
2.79
2.80
2.81
2.82
2.83
2.84
2.85
2.86
2.87
2.88
2.89
2.90
2.91
2.92
2.93
2.94
2.95
2.96
2.97
2.98
2.99
3.00
3.01
3.02
3.03
3.04
3.05
3.06
3.07
3.08
3.09
3.10
3.11
3.12
3.13
3.14
3.15
3.16
3.17
3.18
3.19
3.20
3.21
3.22
3.23
3.24
3.25
3.26
3.27
3.28
3.29
3.30
3.31
3.32
3.33
3.34
3.35
3.36
3.37
3.38
3.39
3.40
3.41
3.42
3.43
3.44
3.45
3.46
3.47
3.48
3.49
3.50
3.51
3.52
3.53
3.54
3.55
3.56
3.57
3.58
3.59
3.60
3.61
3.62
3.63
3.64
3.65
3.66
3.67
3.68
3.69
3.70
3.71
3.72
3.73
3.74
3.75
3.76
3.77
3.78
3.79
3.80
3.81
3.82
3.83
3.84
3.85
3.86
3.87
3.88
3.89
3.90
3.91
3.92
3.93
3.94
3.95
3.96
3.97
3.98
3.99
4.00
4.01
4.02
4.03
4.04
4.05
4.06
4.07
4.08
4.09
4.10
4.11
4.12
4.13
4.14
4.15
4.16
4.17
4.18
4.19
4.20
4.21
4.22
4.23
4.24
4.25
4.26
4.27
4.28
4.29
4.30
4.31
4.32
4.33
4.34
4.35
4.36
4.37
4.38
4.39
4.40
4.41
4.42
4.43
4.44
4.45
4.46
4.47
4.48
4.49
4.50
4.51
4.52
4.53
4.54
4.55
4.56
4.57
4.58
4.59
4.60
4.61
4.62
4.63
4.64
4.65
4.66
4.67
4.68
4.69
4.70
4.71
4.72
4.73
4.74
4.75
4.76
4.77
4.78
4.79
4.80
4.81
4.82
4.83
4.84
4.85
4.86
4.87
4.88
4.89
4.90
4.91
4.92
4.93
4.94
4.95
4.96
4.97
4.98
4.99
5.00
5.01
5.02
5.03
5.04
5.05
5.06
5.07
5.08
5.09
5.10
5.11
5.12
5.13
5.14
5.15
5.16
5.17
5.18
5.19
5.20
5.21
5.22
5.23
5.24
5.25
5.26
5.27
5.28
5.29
5.30
5.31
5.32
5.33
5.34
5.35
5.36
5.37
5.38
5.39
5.40
5.41
5.42
5.43
5.44
5.45
5.46
5.47
5.48
5.49
5.50
5.51
5.52
5.53
5.54
5.55
5.56
5.57
5.58
5.59
5.60
5.61
5.62
5.63
5.64
5.65
5.66
5.67
5.68
5.69
5.70
5.71
5.72
5.73
5.74
5.75
5.76
5.77
5.78
5.79
5.80
5.81
5.82
5.83
5.84
5.85
5.86
5.87
5.88
5.89
5.90
5.91
5.92
5.93
5.94
5.95
5.96
5.97
5.98
5.99
6.00
6.01
6.02
6.03
6.04
6.05
6.06
6.07
6.08
6.09
6.10
6.11
6.12
6.13
6.14
6.15
6.16
6.17
6.18
6.19
6.20
6.21
6.22
6.23
6.24
6.25
6.26
6.27
6.28
6.29
6.30
6.31
6.32
6.33
6.34
6.35
6.36
6.37
6.38
6.39
6.40
6.41
6.42
6.43
6.44
6.45
6.46
6.47
6.48
6.49
6.50
6.51
6.52
6.53
6.54
6.55
6.56
6.57
6.58
6.59
6.60
6.61
6.62
6.63
6.64
6.65
6.66
6.67
6.68
6.69
6.70
6.71
6.72
6.73
6.74
6.75
6.76
6.77
6.78
6.79
6.80
6.81
6.82
6.83
6.84
6.85
6.86
6.87
6.88
6.89
6.90
6.91
6.92
6.93
6.94
6.95
6.96
6.97
6.98
6.99
7.00
7.01
7.02
7.03
7.04
7.05
7.06
7.07
7.08
7.09
7.10
7.11
7.12
7.13
7.14
7.15
7.16
7.17
7.18
7.19
7.20
7.21
7.22
7.23
7.24
7.25
7.26
7.27
7.28
7.29
7.30
7.31
7.32
7.33
7.34
7.35
7.36
7.37
7.38
7.39
7.40
7.41
7.42
7.43
7.44
7.45
7.46
7.47
7.48
7.49
7.50
7.51
7.52
7.53
7.54
7.55
7.56
7.57
7.58
7.59
7.60
7.61
7.62
7.63
7.64
7.65
7.66
7.67
7.68
7.69
7.70
7.71
7.72
7.73
7.74
7.75
7.76
7.77
7.78
7.79
7.80
7.81
7.82
7.83
7.84
7.85
7.86
7.87
7.88
7.89
7.90
7.91
7.92
7.93
7.94
7.95
7.96
7.97
7.98
7.99
8.00
8.01
8.02
8.03
8.04
8.05
8.06
8.07
8.08
8.09
8.10
8.11
8.12
8.13
8.14
8.15
8.16
8.17
8.18
8.19
8.20
8.21
8.22
8.23
8.24
8.25
8.26
8.27
8.28
8.29
8.30
8.31
8.32
8.33
8.34
8.35
8.36
8.37
8.38
8.39
8.40
8.41
8.42
8.43
8.44
8.45
8.46
8.47
8.48
8.49
8.50
8.51
8.52
8.53
8.54
8.55
8.56
8.57
8.58
8.59
8.60
8.61
8.62
8.63
8.64
8.65
8.66
8.67
8.68
8.69
8.70
8.71
8.72
8.73
8.74
8.75
8.76
8.77
8.78
8.79
8.80
8.81
8.82
8.83
8.84
8.85
8.86
8.87
8.88
8.89
8.90
8.91
8.92
8.93
8.94
8.95
8.96
8.97
8.98
8.99
9.00
9.01
9.02
9.03
9.04
9.05
9.06
9.07
9.08
9.09
9.10
9.11
9.12
9.13
9.14
9.15
9.16
9.17
9.18
9.19
9.20
9.21
9.22
9.23
9.24
9.25
9.26
9.27
9.28
9.29
9.30
9.31
9.32
9.33
9.34
9.35
9.36
9.37
9.38
9.39
9.40
9.41
9.42
9.43
9.44
9.45
9.46
9.47
9.48
9.49
9.50
9.51
9.52
9.53
9.54
9.55
9.56
9.57
9.58
9.59
9.60
9.61
9.62
9.63
9.64
9.65
9.66
9.67
9.68
9.69
9.70
9.71
9.72
9.73
9.74
9.75
9.76
9.77
9.78
9.79
9.80
9.81
9.82
9.83
9.84
9.85
9.86
9.87
9.88
9.89
9.90
9.91
9.92
9.93
9.94
9.95
9.96
9.97
9.98
9.99
10.00
10.01
10.02
10.03
10.04
10.05
10.06
10.07
10.08
10.09
10.10
10.11
10.12
10.13
10.14
10.15
10.16
10.17
10.18
10.19
10.20
10.21
10.22
10.23
10.24
10.25
10.26
10.27
10.28
10.29
10.30
10.31
10.32
10.33
10.34
10.35
10.36
10.37
10.38
10.39
10.40
10.41
10.42
10.43
10.44
10.45
10.46
10.47
10.48
10.49
10.50
10.51
10.52
10.53
10.54
10.55
10.56
10.57
10.58
10.59
10.60
10.61
10.62
10.63
10.64
10.65
10.66
10.67
10.68
10.69
10.70
10.71
10.72
10.73
10.74
10.75
10.76
10.77
10.78
10.79
10.80
10.81
10.82
10.83
10.84
10.85
10.86
10.87
10.88
10.89
10.90
10.91
10.92
10.93
10.94
10.95
10.96
10.97
10.98
10.99
11.00
11.01
11.02
11.03
11.04
11.05
11.06
11.07
11.08
11.09
11.10
11.11
11.12
11.13
11.14
11.15
11.16
11.17
11.18
11.19
11.20
11.21
11.22
11.23
11.24
11.25
11.26
11.27
11.28
11.29
11.30
11.31
11.32
11.33
11.34
11.35
11.36
11.37
11.38
11.39
11.40
11.41
11.42
11.43
11.44
11.45
11.46
11.47
11.48
11.49
11.50
11.51
11.52
11.53
11.54
11.55
11.56
11.57
11.58
11.59
11.60
11.61
11.62
11.63
11.64
11.65
11.66
11.67
11.68
11.69
11.70
11.71
11.72
11.73
11.74
11.75
11.76
11.77
11.78
11.79
11.80
11.81
11.82
11.83
11.84
11.85
11.86
11.87
11.88
11.89
11.90
11.91
11.92
11.93
11.94
11.95
11.96
11.97
11.98
11.99
12.00
12.01
12.02
12.03
12.04
12.05
12.06
12.07
12.08
12.09
12.10
12.11
12.12
12.13
12.14
12.15
12.16
12.17
12.18
12.19
12.20
12.21
12.22
12.23
12.24
12.25
12.26
12.27
12.28
12.29
12.30
12.31
12.32
12.33
12.34
12.35
12.36
12.37
12.38
12.39
12.40
12.41
12.42
12.43
12.44
12.45
12.46
12.47
12.48
12.49
12.50
12.51
12.52
12.53
12.54
12.55
12.56
12.57
12.58
12.59
12.60
12.61
12.62
12.63
12.64
12.65
12.66
12.67
12.68
12.69
12.70
12.71
12.72
12.73
12.74
12.75
12.76
12.77
12.78
12.79
12.80
12.81
12.82
12.83
12.84
12.85
12.86
12.87
12.88
12.89
12.90
12.91
12.92
12.93
12.94
12.95
12.96
12.97
12.98
12.99
13.00
13.01
13.02
13.03
13.04
13.05
13.06
13.07
13.08
13.09
13.10
13.11
13.12
13.13
13.14
13.15
13.16
13.17
13.18
13.19
13.20
13.21
13.22
13.23
13.24
13.25
13.26
13.27
13.28
13.29
13.30
13.31
13.32
13.33
13.34
13.35
13.36
13.37
13.38
13.39
13.40
13.41
13.42
13.43
13.44
13.45
13.46
13.47
13.48
13.49
13.50
13.51
13.52
13.53
13.54
13.55
13.56
13.57
13.58
13.59
13.60
13.61
13.62
13.63
13.64
13.65
13.66
13.67
13.68
13.69
13.70
13.71
13.72
13.73
13.74
13.75
13.76
13.77
13.78
13.79
13.80
13.81
13.82
13.83
13.84
13.85
13.86
13.87
13.88
13.89
13.90
13.91
13.92
13.93
13.94
13.95
13.96
13.97
13.98
13.99
14.00
14.01
14.02
14.03
14.04
14.05
14.06
14.07
14.08
14.09
14.10
14.11
14.12
14.13
14.14
14.15
14.16
14.17
14.18
14.19
14.20
14.21
14.22
14.23
14.24
14.25
14.26
14.27
14.28
14.29
14.30
14.31
14.32
14.33
14.34
14.35
14.36
14.37
14.38
14.39
14.40
14.41
14.42
14.43
14.44
14.45
14.46
14.47
14.48
14.49
14.50
14.51
14.52
14.53
14.54
14.55
14.56
14.57
14.58
14.59
14.60
14.61
14.62
14.63
14.64
14.65
14.66
14.67
14.68
14.69
14.70
14.71
14.72
14.73
14.74
14.75
14.76
14.77
14.78
14.79
14.80
14.81
14.82
14.83
14.84
14.85
14.86
14.87
14.88
14.89
14.90
14.91
14.92
14.93
14.94
14.95
14.96
14.97
14.98
14.99
15.00
15.01
15.02
15.03
15.04
15.05
15.06
15.07
15.08
15.09
15.10
15.11
15.12
15.13
15.14
15.15
15.16
15.17
15.18
15.19
15.20
15.21
15.22
15.23
15.24
15.25
15.26
15.27
15.28
15.29
15.30
15.31
15.32
15.33
15.34
15.35
15.36
15.37
15.38
15.39
15.40
15.41
15.42
15.43
15.44
15.45
15.46
15.47
15.48
15.49
15.50
15.51
15.52
15.53
15.54
15.55
15.56
15.57
15.58
15.59
15.60
15.61
15.62
15.63
15.64
15.65
15.66
15.67
15.68
15.69
15.70
15.71
15.72
15.73
15.74
15.75
15.76
15.77
15.78
15.79
15.80
15.81
15.82
15.83
15.84
15.85
15.86
15.87
15.88
15.89
15.90
15.91
15.92
15.93
15.94
15.95
15.96
15.97
15.98
15.99
16.00
16.01
16.02
16.03
16.04
16.05
16.06
16.07
16.08
16.09
16.10
16.11
16.12
16.13
16.14
16.15
16.16
16.17
16.18
16.19
16.20
16.21
16.22
16.23
16.24
16.25
16.26
16.27
16.28
16.29
16.30
16.31
16.32
16.33
16.34
16.35
16.36
16.37
16.38
16.39
16.40
16.41
16.42
16.43
16.44
16.45
16.46
16.47
16.48
16.49
16.50
16.51
16.52
16.53
16.54
16.55
16.56
16.57
16.58
16.59
16.60
16.61
16.62
16.63
16.64
16.65
16.66
16.67
16.68
16.69
16.70
16.71
16.72
16.73
16.74
16.75
16.76
16.77
16.78
16.79
16.80
16.81
16.82
16.83
16.84
16.85
16.86
16.87
16.88
16.89
16.90
16.91
16.92
16.93
16.94
16.95
16.96
16.97
16.98
16.99
17.00
17.01
17.02
17.03
17.04
17.05
17.06
17.07
17.08
17.09
17.10
17.11
17.12
17.13
17.14
17.15
17.16
17.17
17.18
17.19
17.20
17.21
17.22
17.23
17.24
17.25
17.26
17.27
17.28
17.29
17.30
17.31
17.32
17.33
17.34
17.35
17.36
17.37
17.38
17.39
17.40
17.41
17.42
17.43
17.44
17.45
17.46
17.47
17.48
17.49
17.50
17.51
17.52
17.53
17.54
17.55
17.56
17.57
17.58
17.59
17.60
17.61
17.62
17.63
17.64
17.65
17.66
17.67
17.68
17.69
17.70
17.71
17.72
17.73
17.74
17.75
17.76
17.77
17.78
17.79
17.80
17.81
17.82
17.83
17.84
17.85
17.86
17.87
17.88
17.89
17.90
17.91
17.92
17.93
17.94
17.95
17.96
17.97
17.98
17.99
18.00
18.01
18.02
18.03
18.04
18.05
18.06
18.07
18.08
18.09
18.10
18.11
18.12
18.13
18.14
18.15
18.16
18.17
18.18
18.19
18.20
18.21
18.22
18.23
18.24
18.25
18.26
18.27
18.28
18.29
18.30
18.31
18.32
18.33
18.34
18.35
18.36
18.37
18.38
18.39
18.40
18.41
18.42
18.43
18.44
18.45
18.46
18.47
18.48
18.49
18.50
18.51
18.52
18.53
18.54
18.55
18.56
18.57
18.58
18.59
18.60
18.61
18.62
18.63
18.64
18.65
18.66
18.67
18.68
18.69
18.70
18.71
18.72
18.73
18.74
18.75
18.76
18.77
18.78
18.79
18.80
18.81
18.82
18.83
18.84
18.85
18.86
18.87
18.88
18.89
18.90
18.91
18.92
18.93
18.94
18.95
18.96
18.97
18.98
18.99
19.00
19.01
19.02
19.03



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039137**

Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PO039137

PO Date: 2/27/18

Due Date: 3/7/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com

E-MAILED
FEB 27 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments: quotation no: sou0088460

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M2024T3S.100		2024-T3 .100 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf	Firmed	3/7/18	48 sf	0 sf	48 sf	\$17.1875/sf	\$825.00
2	M304S22GA4P		304/316 Sheet .032 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf	Firmed	3/7/18	64 sf	0 sf	64 sf	\$3.491875/sf	\$223.48
3	M1018R3.500		M1018R3.500 : MATERIAL: AISI 1018-1025 ROUND BAR M1010S20GA AS PER MIL-S-7097 OR ASTM A108 receive ft	Firmed	3/7/18	6 ft	0 ft	6 ft	\$31.09/ft	\$186.54
4	M4140N-R3.250		4140 Steel Round Bar 3.250" receive ft	Firmed	3/7/18	6 ft	0 ft	6 ft	\$53.3333/ft	\$320.00
5	MT-4140-S-1.250X11.000		AISI 4140 Steel Sheet/Plate	Firmed	3/7/18	12 ft	0 ft	12 ft	\$116.00/ft	\$1,392.00

MAR 05 2018

MAR 05 2018

MAR 05 2018

MAR 16 2018

Plex 2/27/18 8:37 AM dart.lavoie.chanta

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
Line Item Note 2 pcs of 6ft										
6	MT-4140-S-0.375X5.500		AISI 4140 Steel Sheet/Plate	Firmed	3/7/18	6 ft	0 ft	6 ft	\$31.3333/ft	\$188.00
7	M304TR1.750W.120		304 Seamless Tubing 1.75 X .120W : MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A213 OR ASME SA213 OR ASTM A269 receive ft	Firmed	3/7/18	12 ft	0 ft	12 ft	\$30.83333/ft	\$370.00
8	D6201P		T Extrusion 4X4X3/8 as per dwg d6201 rev. b B173203	Firmed	3/7/18	20 ft	0 ft	20 ft	\$20.25/ft	\$405.00
									Grand Total:	\$3,910.02
Order Notes										
<p>Procurement Quality Clauses</p> <p>A005 right of entry</p> <p>A012 chemical and physical test report</p> <p>A016 personnel qualification</p> <p>A017 raw material identification (as applicable)</p> <p>A026 certification of material conformance</p> <p>A041 quality management system</p> <p>A042 dart notification by supplier</p> <p>A043 retention of quality documents</p> <p>A048 counterfeit parts avoidance, detection, mitigation and disposition program</p> <p>A049 supplier awareness</p> <p>Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.</p>										

DAS
11
9-89

MAR 16 2018

MAR 05 2018

MAR 05 2018

Plex 2/27/18 8:37 AM dart.lavoie.chantal